

CONTRACT CHANGE ORDER MEMORANDUM

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TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Darryl Schram, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO. No	
CCO#: 295	SUPPLEMENT#: 1	Category Code: CXXX	CONTINGENCY BALANCE (incl. this change) \$82,970,881.40	
COST: (\$300,000.00) INCREASE <input type="checkbox"/> DECREASE <input checked="" type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: IERBYS Pile Investigation Revised			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

Revising estimated cost for the following: As directed by the Engineer, perform foundation investigation at the Interurban Electric Railway Bridge Yard Shop (IERBYS) to determine existing pile diameters, depths, and conditions of the existing wood piling.

The original IERBYS pile investigation was estimated to total \$500,000.00, however the pile investigation is proceeding better than expected and the anticipated expenses have been reevaluated. Taking into consideration the completed pile investigation work and the remaining work to be done, the estimated cost of the IERBYS pile investigation is not expected to exceed \$200,000.00. Therefore, the extra work funds allotted for this scope of work will be reduced by \$300,000.00 so that the funds can be used for other work on rehabilitating the IERBYS building.

The Department is in the process of constructing a new maintenance facility for the San Francisco-Oakland Bay Bridge East Spans. This new facility, which will be constructed over several phases, was planned to include a storage warehouse and maintenance training facility. Construction of the warehouse will begin this year, but timing of the completion of the training facility will not coincide with the completion of the major East Span construction projects including the SAS Project. Additionally, planning for the new warehouse did not anticipate the level of storage of materials, parts and engineering documentation that will actually be required for the new East Span. To address the immediate concern of the large amount of materials being primarily furnished by the SAS Project needing proper storage, the IERBY's building, an existing state-owned maintenance facility constructed in 1938, has been identified as a solution.

The IERBY's building will be used to store the unique equipment, materials, and engineering documents furnished from the East Span Project needed for use in maintaining the Structure. This equipment, materials, and engineering documents include but are not limited to such items as: additional cable bands, cable clamps, cable band bolts, cable band bolt tensioning equipment, cable S-wire wrapping equipment, replacement suspender ropes, tower replacement struts, deck joint replacement materials, design and construction documents, etc. All of these items are specific to the SAS Structure and will be needed for proper maintenance over time and/or restoration of bridge service after a major earthquake event. Additionally, as the SAS Structure is placed into service and transferred into the maintenance inventory, this facility will provide a venue to transfer construction knowledge and train maintenance personnel in how to maintain the new Structure.

The Toll Bridge Program Oversight Committee (TBPOC) Project Management Team (PMT) brought this issue to the February 6, 2013, TBPOC meeting for discussion and approval. The TBPOC approved the use of the IERBY's building. The TBPOC provided approval for change orders to the SAS Contract to perform the early work to relocate a portion of the maintenance personnel currently occupying the IERBY's building, to perform an initial geotechnical foundation investigation to determine the condition of the existing wood piling foundation, and to perform soft demolition to remove all the interior non-structural partitions. As part of the approval, this early work will be funded through Bay Area Toll Authority (BATA) Rehabilitation Funds. A supplemental funds request will be prepared to transfer these funds into the SAS Contract.

The total approval for the early work was \$1.4 million. Since that time, not all of the funds have been required for the early work. In an effort to keep the progression of the IERBYs work moving and until such time as the TBPOC decides to approve additional funding, the TBPOC PMT (May 13, 2013 meeting) clarified this approval to extend beyond the early work to include all other IERBY's work within the approved \$1.4 million funding authorization.

This supplemental change order revises the Extra Work at Force Account amount specified in Contract Change Order (CCO) 295 S0 "IERBYS Pile Investigation." CCO 295 S0 was issued for \$500,000.00 Extra Work at Force Account and CCO 295 S1

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will reduce the Extra Work at Force Account amount by \$300,000.00 bringing the revised Extra Work at Force Account amount to \$200,000.00. The reduced amount will be returned to the contingency fund. A detailed cost analysis is on file.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from William Casey (Supervising TE) and Rich Foley (HQ Oversight).

CONCURRED BY:			ESTIMATE OF COST		
Construction Engineer:	William Casey, Sup TE	Date 2/19/13	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:		Date	ITEMS	\$0.00	\$0.00
Project Engineer:		Date	FORCE ACCOUNT	(\$300,000.00)	\$200,000.00
Project Manager:		Date	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:		Date	ADJUSTMENT	\$0.00	\$0.00
Environmental:		Date	TOTAL	(\$300,000.00)	\$200,000.00
Other (specify):	HQ, Rich Foley	Date 2/19/13	FEDERAL PARTICIPATION		
Other (specify):		Date	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:		Date	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date	<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date	FEDERAL FUNDING SOURCE	PERCENT	
					
			5-20-13		